

Commander's Hazard Identification

Ground Operations & Equipment



1999

[View Note Pages For Accident Background Information](#)

Hazard Tip Over




**Out Riggers Must Be Used When Boom Is Traversed
Over 6 Degree From Center, Regardless If No Load
Is Being Lifted.**

Hazards :

Damage To Equipment

Mission Failure

A photograph of a river scene. In the foreground, several people are standing on a dark, silty bank. In the middle ground, a large, dark, rectangular object, possibly a piece of equipment or a small boat, is partially submerged in the water. A person is standing next to it. Further back, more people are standing on the bank. In the background, a long, low structure, possibly a bridge or a pier, extends across the river. The sky is overcast and grey.

**Soil Bed In River Is Softer Than Sea Shore Sand
Provide Recovery On Site, Before Tide Comes In.**

Hazards : Mission Failure



Road Identified As One Way Not Enforced By Unit
This Put Operator In A Misjudgment Situation.

Slide One

M931 Pulling M872

Hazards Overhead Strike

The Bridge and Tunnel Height

**Load Is Higher Than Normal
for Operation On Interstate**



Simulated Container/Load

King Pin Failure

Trailer Combination Unsafe For Road Use.

Tractor Also cannot pull M872 Max Load Capacity

Slide Two

M931 Pulling M872

Simulated Container/Load
Note The Tilt!

Note Gap

Trailer Rear Wheel Has Too Much Pressure For Brakes Effects Braking and Steering

Trailer Front Wheel Has Not Enough Pressure For Brakes

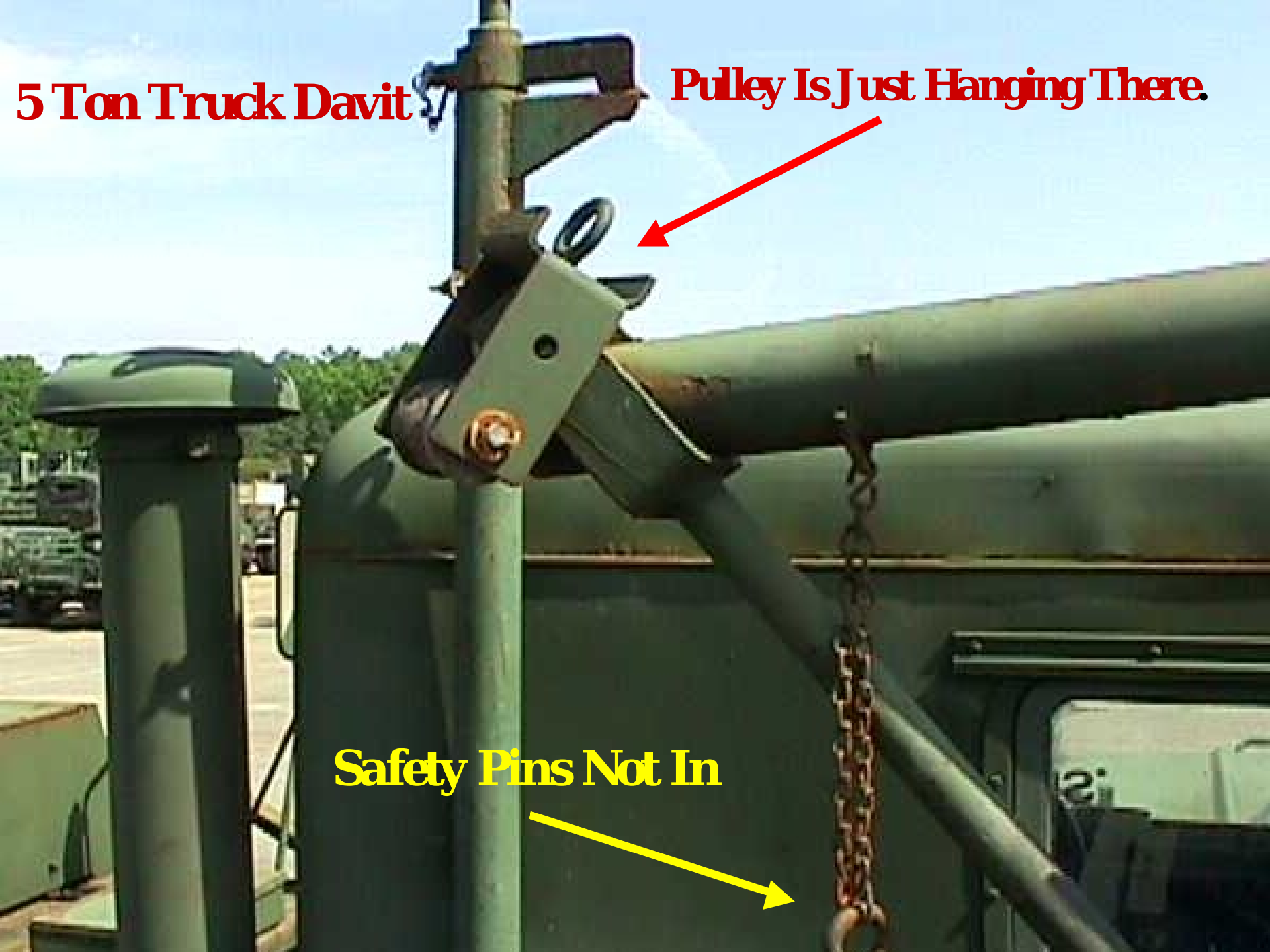
King Pin Failure: King Pin Not Level On 5th Wheel, Also Additional Pressure



5 Ton Truck Davit

Pulley Is Just Hanging There.

Safety Pins Not In





5 Ton Truck Davi

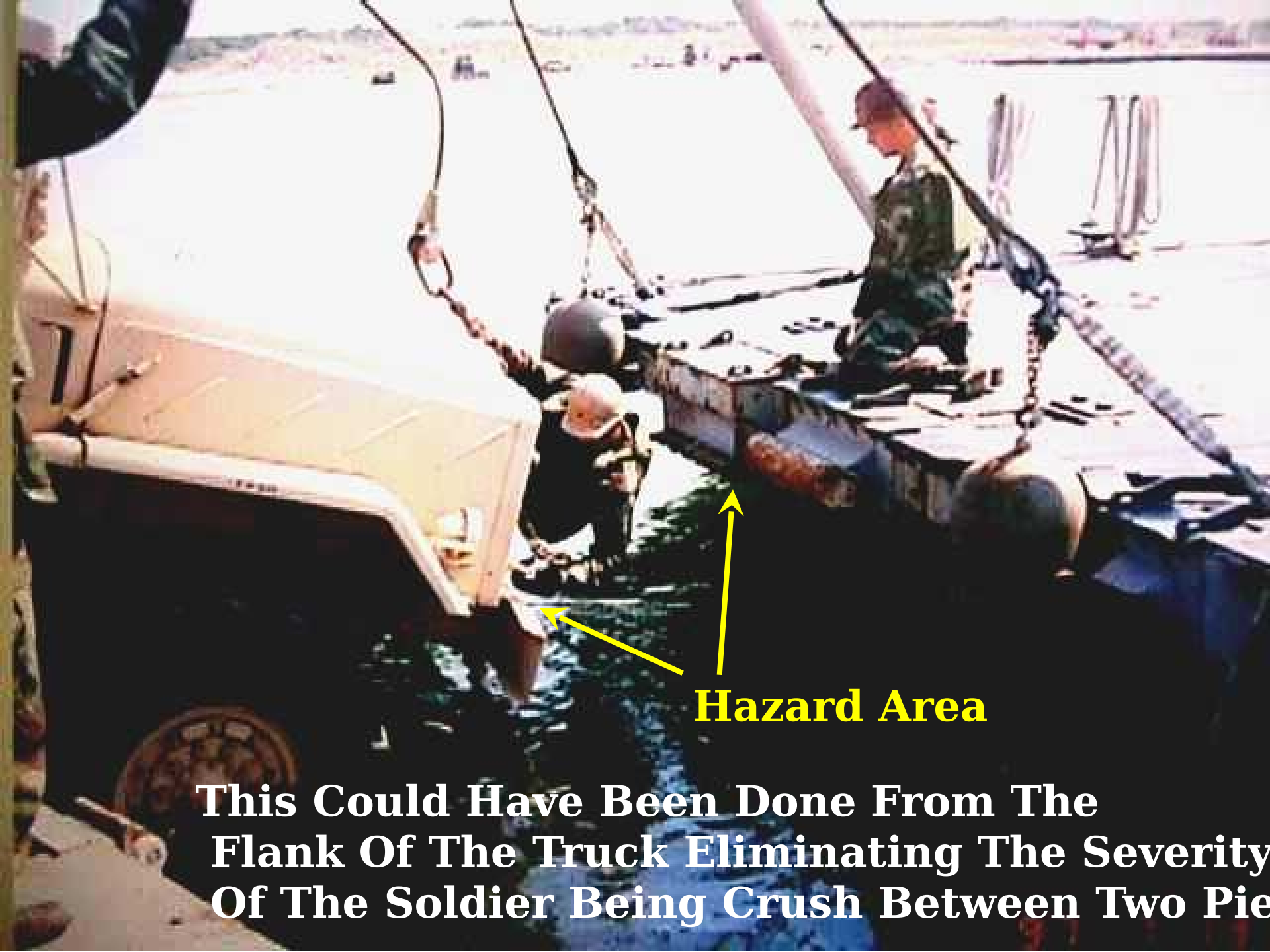
**2nd Safety Pin
Not In**

**Davit Is Ready
Fall Out & Off
When Vibrated
Droped On A V
Load Of Kids**

Identify Hazards During Recon



Hole Caused By Land Fill Washing Away Du
Mark Hazards With Engineer Tape Or Stakes



Hazard Area

**This Could Have Been Done From The
Flank Of The Truck Eliminating The Severity
Of The Soldier Being Crush Between Two Pie**